

| L. Number | Hits | Search Text   | DB                   | Time stamp       |
|-----------|------|---|----------------------|------------------|
| 1         | 0    | hiroki-tsutomo.in.  | USPAT;<br>US-PGPUB   | 2003/11/10 12:20 |
| 2         | 4    | hiroki-tsutomu.in.  | USPAT;<br>US-PGPUB   | 2003/11/10 12:21 |
| 3         | 4    | hiroki-tsutomu\$.in.  | USPAT;<br>US-PGPUB   | 2003/11/10 12:21 |
| 4         | 0    | hiroki-tsutomu\$.in.  | USPAT;<br>US-PGPUB   | 2003/11/10 12:22 |
| 5         | 2115 | ((414/935) or (414/939) or (118/719) or (156/345.31) or (156/345.32)).CCLIS.  | USPAT;<br>US-PGPUB   | 2003/11/10 12:22 |
| 6         | 0    | ("5and@pd>-20030701").PN.   | USPAT;<br>US-PGPUB   | 2003/11/10 12:24 |
| 7         | 86   | ((414/935) or (414/939) or (118/719) or (156/345.31) or (156/345.32)).CCLIS.) and @pd>-20030701   | USPAT;<br>US-PGPUB   | 2003/11/10 12:24 |
| -         | 116  | (414/\$.ccls. 118/\$.ccls. 156/345.\$ccls.) and (articulat\$3 with linear\$3)   | USPAT;<br>US-PGPUB   | 2003/07/28 08:27 |
| -         | 54   | (arm hand robot) with (articulat\$3 with linear\$3 with extend\$3)  | USPAT;<br>US-PGPUB   | 2003/07/27 19:29 |
| -         | 1    | ("5993141").PN.   | USPAT;<br>US-PGPUB   | 2003/07/28 08:23 |
| -         | 5    | 5993141.URPN.   | USPAT                | 2003/07/28 08:23 |
| -         | 28   | ("4009785"   "4410209"   "4566726"   "4601627"   "4775281"   "4875824"   "5080549"   "5100502"   "5147175"   "5286296"   "5382128"   "5439547"   "5474410"   "5479108"   "5562387"   "5636963"   "5647626"   "5647724"   "5669644"   "5697749"   "5755469"   "5789878"   "5900105"   "5950495"   "5993141"   "6048162"   "6073366"   "6224319").PN. | USPAT                | 2003/07/27 19:30 |
| -         | 5    | 5993141.URPN.   | USPAT                | 2003/07/28 08:23 |
| -         | 5    | 5993141.URPN.   | USPAT                | 2003/07/28 08:23 |
| -         | 221  | (414/\$.ccls. 118/\$.ccls. 156/345.\$ccls.) and (articulat\$3 same linear\$3)   | USPAT;<br>US-PGPUB   | 2003/07/28 08:25 |
| -         | 151  | (414/\$.ccls. 118/\$.ccls. 156/345.\$ccls.) and (articulat\$3 same linear\$3 same (hand robot arm effector blade))  | USPAT;<br>US-PGPUB   | 2003/07/28 08:28 |
| -         | 116  | (414/\$.ccls. 118/\$.ccls. 156/345.\$ccls.) and (articulat\$3 with linear\$3)   | USPAT;<br>US-PGPUB   | 2003/07/28 08:27 |
| -         | 68   | ((414/\$.ccls. 118/\$.ccls. 156/345.\$ccls.) and (articulat\$3 same linear\$3 same (hand robot arm effector blade))) not ((414/\$.ccls. 118/\$.ccls. 156/345.\$ccls.) and (articulat\$3 with linear\$3) )   | USPAT;<br>US-PGPUB   | 2003/07/28 08:27 |
| -         | 0    | (c23c016\$.ipc.) and (articulat\$3 same linear\$3 same (hand robot arm effector blade))   | EPO; JPO;<br>DERWENT | 2003/07/28 08:31 |
| -         | 0    | (c23c016\$.ipc.) and (articulat\$3 same linear\$3 same (hand robot arm effector blade))   | EPO; JPO;<br>DERWENT | 2003/07/28 08:29 |
| -         | 10   | (c23c016\$.ipc.) and (linear\$3 same (hand robot arm effector blade))   | EPO; JPO;<br>DERWENT | 2003/07/28 08:29 |
| -         | 213  | (articulat\$3 same linear\$3 same (hand robot arm effector blade))  | EPO; JPO;<br>DERWENT | 2003/07/28 08:31 |
| -         | 3    | (articulat\$3 same linear\$3 same (hand robot arm effector blade) same (wafer substrate semiconductor))   | EPO; JPO;<br>DERWENT | 2003/07/28 08:40 |
| -         | 70   | ((reciprocate\$5 extend\$3 retract\$4) same linear\$3 same (hand robot arm effector blade) same (wafer substrate semiconductor))  | EPO; JPO;<br>DERWENT | 2003/07/28 08:41 |
| -         | 654  | ((reciprocate\$5 extend\$3 retract\$4) same linear\$3 same (hand robot arm effector blade) same (wafer substrate semiconductor))  | USPAT;<br>US-PGPUB   | 2003/07/28 09:01 |
| -         | 70   | ((reciprocate\$5 extend\$3 retract\$4) same linear\$3 same (hand robot arm effector blade) same (wafer substrate semiconductor))  | EPO; JPO;<br>DERWENT | 2003/07/28 08:41 |

|   |     |  |                              |                  |
|---|-----|--|------------------------------|------------------|
| - | 172 | ((reciprocating\$5 extends\$3 retract\$4) with linear\$3 with (hand robot arm effector blade) same (wafer substrate semiconductor))  | USPAT;<br>US-PGPUB           | 2003/07/28 09:52 |
| - | 25  | 4907931.URPN.  | USPAT                        | 2003/07/28 09:21 |
| - | 9   | ("3503527"   "4103232"   "4407627"   "4441853"   "4457664"   "4655584"   "4695215"   "4746256"   "4752898").PN.  | USPAT                        | 2003/07/28 10:37 |
| - | 25  | 4695215.URPN.  | USPAT                        | 2003/07/28 09:26 |
| - | 13  | ((("4552504") or ("4654106") or ("4908095") or ("5011366") or ("5064340") or ("5306380") or ("5655060") or ("5746565") or ("5823736") or ("5989346") or ("6051101") or ("6155768") or ("6164894")).PN. | USPAT;<br>USPAT;<br>US-PGPUB | 2003/07/28 10:47 |
| - | 11  | 5306380.URPN.  | USPAT                        | 2003/07/28 09:55 |
| - | 13  | 5823736.URPN.  | USPAT                        | 2003/07/28 10:40 |
| - | 8   | ("3817402"   "4591044"   "4776745"   "5197089"   "5345639"   "5374147"   "5445491"   "5540535").PN.  | USPAT                        | 2003/07/28 10:42 |
| - | 29  | 414/609.ccls. and (wafer semiconductor substrate)  | USPAT;<br>US-PGPUB           | 2003/07/28 10:58 |
| - | 0   | 6331095.URPN.  | USPAT                        | 2003/07/28 10:54 |
| - | 7   | ("4816098"   "5823736"   "5879128"   "5879460"   "5883017"   "5934856"   "5989346").PN.  | USPAT                        | 2003/07/28 10:54 |
| - | 0   | 414/.222.04.ccls. and (wafer semiconductor substrate)  | USPAT;<br>US-PGPUB           | 2003/07/28 10:59 |
| - | 21  | 414/222.04.ccls. and (wafer semiconductor substrate)   | USPAT;<br>US-PGPUB           | 2003/07/28 10:59 |
| - | 7   | 414/222.05.ccls. and (wafer semiconductor substrate)   | USPAT;<br>US-PGPUB           | 2003/07/28 11:00 |
| - | 8   | 414/222.06.ccls. and (wafer semiconductor substrate)   | USPAT;<br>US-PGPUB           | 2003/07/28 11:00 |
| - | 34  | (414/222.04.ccls. and (wafer semiconductor substrate)) (414/222.05.ccls. and (wafer semiconductor substrate)) (414/222.06.ccls. and (wafer semiconductor substrate))                                   | USPAT;<br>US-PGPUB           | 2003/07/28 11:00 |